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Is Gastrectomy Mandatory for all Residual or Recurrent Gastric Cancer Following Endoscopic Resection? A Large-Scale Korean Multi-Center Study
Kyo Young Song, Woo Jin Hyung, Hyung Ho Kim, Sang Uk Han, Gyu Seok Cho, Seung Wan Ryu, Hyuk Joon Lee, and Min Chan Kim, Korean Laparoscopic Gastrointestinal Surgery Study (KLASS) Group 6
Clinicopathologic features of 86 patients who underwent laparoscopic radical gastrectomy after endoscopic resection (ER) were examined. Although significant portion of cases had residual cancer or lymph node metastasis, minimal treatment such as re-ER could further be applied to selected patients.

The Influence of Reconstruction Methods on Food Retention Phenomenon in the Remnant Stomach After a Subtotal Gastrectomy
Hyung Joong Jung, Jun Ho Lee, Keun Won Ryu, Jong Yeul Lee, Chan Gyoo Kim, Il Ju Choi, Young-Woo Kim, and Jae Moon Bae 11
Food residue and bile reflux were frequently observed in the remnant stomach during surveillance endoscopy after a distal subtotal gastrectomy due to gastric cancer. The reconstruction methods employed did not show significant difference on food retention phenomenon after a distal gastrectomy in long-term periods.

Sonographic Lesion Size of Ductal Carcinoma In Situ as a Preoperative Predictor for the Presence of an Invasive Focus
Jong Won Lee, Wonshik Han, Eunyoung Ko, Jihyoung Cho, Eun-Kyu Kim, So-Youn Jung, Nariya Cho, Woo Kyung Moon, In-Ae Park, and Dong-Young Noh 15
Sonographic determinants of upstage from DCIS to invasive cancer have rarely been reported. This study indicates that, in preoperative DCIS, sonographic targeting can help find occult invasive components and a sonographic lesion size can be used as another guideline for surgeons to perform sentinel lymph node biopsy at definitive surgery.

The Prevalence of and Risk Factors for Four or More Metastatic Axillary Lymph Nodes in Breast Cancer Patients Undergoing Sentinel Node Biopsy
M. Leidenius, L. Vaalavirta, P. Heikkilä, K. Von Smitten, and K. Salmenkivi 21
Four or more metastatic axillary nodes lymph nodes were detected in 68 out of 1062 breast cancer patients with sentinel node biopsy. A negligible risk of having four or more tumour positive nodes was detected in patients with histological stage T1a-b tumours, Grade I tumours as well as in those without sentinel node macrometastases or the ratio of positive and harvested sentinel nodes lower than 0.5.

Surgical Intervention Following Imatinib Treatment in Patients With Advanced Gastrointestinal Stromal Tumors (GISTs)
Sun Jin Sym, Min-Hee Ryu, Jae-Lyun Lee, Heung Moon Chang, Tae-Won Kim, Hee Cheol Kim, Ki Hun Kim, Jeong Hwan Yook, Byung Sik Kim, and Yoon-Koo Kang 27
We investigated the role of surgical intervention for advanced GIST after imatinib treatment. Surgical resection of tumors responsive to imatinib may be beneficial in patients with advanced GIST.

Improved Local Control by Surgery and Paclitaxel-Based Chemoradiation for Esophageal Squamous Cell Carcinoma: Results of a Retrospective Non-Randomized Study
Feng-Ming Hsu, Chia-Chi Lin, Jang-Ming Lee, Yih-Leong Chang, Chih-Hung Hsu, Yu-Chieh Tsai, Yung-Chie Lee, and Jason Chia-Hsien Cheng 34
Both the addition of surgery after neoadjuvant chemoradiation, and the use of paclitaxelbased regimen in definitive chemoradiation improve local control of patients with esophageal squamous cell carcinoma.

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The Efficacy of Transureteroureterostomy for Ureteral Reconstruction During Surgery for a Non-Urologic Pelvic Malignancy
Jae Young Joung, In Gab Jeong, Ho Kyung Seo, Taek Sang Kim, Kyung Seok Han, Jinsoo Chung, and Kang Hyun Lee 49
In this study, transureteroureterostomy (TUU) was shown to be a feasible technique for ureteral reconstruction when multivisceral resection, including the ureter, is performed during surgery for non-urologic pelvic malignancies. TUU is a preferred method in patients requiring partial cystectomy or in those that have undergone prior surgery or radiotherapy.

Cellular and Peritoneal Immune Response After Radical Laparoscopy-Assisted and Open Gastrectomy for Gastric Cancer
Il-Kwon Jung, Min-Chan Kim, Kyeong-Hee Kim, Jong-Young Kwak, Ghap-Joong Jung, and Hyung-Ho Kim 54
C reactive protein (CRP) and serum amyloid A (SAA) were less increased in the laparoscopic surgery group, which suggests that acute inflammatory processes were less active. However, because of its association with reduced peritoneal immune activity, laparoscopic surgery for advanced gastric cancer may require careful consideration in practice before larger prospective multicenter trials will be reported.

Abnormal Expression of $p16^{INK4a}$, Cyclin D1, Cyclin-Dependent Kinase 4 and Retinoblastoma Protein in Gastric Carcinomas
Ichiro Kishimoto, Hiroyuki Mitomi, Yasuo Ohkura, Hideki Kanazawa, Naoshi Fukui, and Masahiko Watanabe 60
Our immunohistochemical analysis demonstrated that the Rb pathway is disrupted in the vast majority of gastric carcinomas. This study also identified specific immunohistochemical marker profiles for prognosis.

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Changing Management and Outcome of Hepatocellular Carcinoma: Evaluation of 501 Patients Treated at a Single Comprehensive Center
David A. Kooby, Vasili Egnatashvili, Michael Graiser, Keith A. Delman, John Kauh, William C. Wood, and Charles A. Staley III 81
501 patients with liver cancer treated over 15 years at one medical center were evaluated with respect to method of therapy and outcome. Patients treated after the Milan criteria were adapted had better overall survival, likely due to improved selection criteria for transplantation and improvements in ablational therapy.

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Parotid and Cervical Nodal Status Predict Prognosis for Patients With Head and Neck Metastatic Cutaneous Squamous Cell Carcinoma
Sydney Ch'ng, Aloka Maitra, Robert S. Allison, John M. Chaplin, Reinhold T. Gregor, Rodney Lea, and Swee T. Tan 101
The N category of the AJCC TNM staging system for cutaneous squamous cell carcinoma (SCC) is not sufficiently discriminatory to predict prognosis. This paper underscores the importance of parotid lymph nodal involvement as a prognostic factor for survival in patients with head and neck metastatic cutaneous SCC.

Synchronous and Metachronous Cancers in Patients With Gastric Cancer
Bang Wool Eom, Hyuk-Joon Lee, Moon-Won Yoo, Jae Jin Cho, Woo Ho Kim, Han-Kwang Yang, and Kuhn Uk Lee 106
After reviewing the clinicopathological features of 159 patients who were diagnosed both with gastric cancer and with another primary cancer, we conclude that the preoperative workup for synchronous cancer and a periodic postoperative checkup for metachronous cancer should be mandatory.

The Influence of Conservative Surgical Practices for Malignant Ovarian Germ Cell Tumors
John K. Chan, Krishnansu S. Tewari, Sarah Waller, Michael K. Cheung, Jacob Y. Shin, Kathryn Osann, and Daniel S. Kapp 111
The use of fertility-preserving surgery with concomitant surgical staging for germ cell cancers has increased without compromising survival.

Elevated p21 Expression Is Associated With Poor Prognosis of Rectal Stromal Tumors After Resection
Tsung-Hui Hu, Ming-Hong Tai, Seng-Kee Chuah, Hong-Hwa Chen, Jui-Wei Lin, Hsuan-Ying Huang, Yeh-Pin Chou, Li-Na Yi, Chung-Mou Kuo, and Chi-Sin Changchien 117
This article demonstrates that p21 upregulation is associated with increased tumor mitosis and tumor size. Besides, elevated expression of p21, p53, and PCNA also indicates poor prognosis of rectal stromal tumors after surgery

Clinicopathological and Prognostic Significance of Mucin Phenotype in Gastric Cancer
Kohei Wakatsuki, Yukishige Yamada, Michihiro Narikiyo, Masato Ueno, Tomoyoshi Takayama, Hidetoshi Tamaki, Katsuhiko Miki, Sohei Matsumoto, Koji Enomoto, Tomoyo Yokotani, and Yoshiyuki Nakajima 124
Mucin phenotype has a significant prognostic value and may be a useful marker for the treatment of human gastric cancer. The importance of RUNX3, a putative tumor suppressor gene, in association with mucin phenotype has been suggested

Dihydropyrimidine Dehydrogenases and Cytidine-Deaminase Gene Polymorphisms as Outcome Predictors in Resected Gastric Cancer Patients Treated With Fluoropyrimidine Adjuvant Chemotherapy
Juan J. Grau, Miguel Caballero, Mariano Monzó, Carmen Muñoz-García, Jose Domingo-Domenech, Alfons Navarro, Carlos Conill, Marc Campayo, and Jose A. Bombí 130
Gene polymorphisms of dihydropyrimidine dehydrogenases and cytidine-deaminase predict survival of gastric cancer patients treated with 5-fluorouracil-based adjuvant chemotherapy.

Electrolytic Ablation is as Effective as Radiofrequency Ablation in the Treatment of Artificial Liver Metastases in a Pig Model
Sebastian Hinz, Jan-Hendrik Egberts, Ursula Pauser, Clemens Schafmayer, Fred Fändrich, and Jürgen Tepel 135
Electrolytic therapy is a non-thermal method of tissue destruction that was tested be as effective as radiofrequency ablation in a pig model with artificial liver metastases. Histomorphologic analysis revealed different types of necrosis with a strong lymphocytic infiltration around the necrosis after electrolytic therapy that was not visible after radiofrequency ablation.

How I Do It: Left Hemihepatectomy and Caudate Lobectomy and Complete Extrahepatic Bile Duct Resection Using Transduodenal Approach for Hilar Cholangiocarcinoma Arsing From Biliary Papillomatosis
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Isolated Limb Perfusion With Tumor Necrosis Factor and Melphalan for Non-Resectable Soft Tissue Sarcomas: Long-Term Results on Efficacy and Limb Salvage in a Selected Group of Patients
Stéphane Cherix, Mélanie Speiser, Maurice Matter, Wassim Raffoul, Danièle Liénard, Nicolas Theumann, Elyazid Mouhsine, René-Olivier Mirimanoff, Serge Leyvraz, ferdy J Lejeune, and Pierre-François Leyvraz 148
Isolated limb perfusion with tumor necrosis factor and melphalan is used for non-resectable sarcomas of the extremities, either as a neo-adjuvant therapy, or in palliation, to prevent the patient from amputation or debilitating surgery. The present paper refers on the long term results in 51 patients treated in our institution since 1992, achieving 76% limb salvage.

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The Impact of T and N Stage on Long-Term Survival of Rectal Cancer Patients in the Community
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In the present study, upstaging with sentinel lymph node mapping in colorectal cancer was of 23.1%. Accuracy and identification rates indicate that the method should be considered in colon and mid- and upper rectal tumors. It should be avoided in lower rectal tumors, in patients submitted to neoadjuvant treatment and with large tumors

Feasibility of Laparoscopic Sentinel Basin Dissection for Limited Resection in Early Gastric Cancer
Jun Ho Lee, Keun Won Ryu, Myeong-Cherl Kook, Jong Yeul Lee, Chan Gyoo Kim, Il Ju Choi, Seok-Ki Kim, Seyoun Jang, Sook Ryun Park, Young Woo Kim, Byung-Ho Nam, and Jae-Moon Bae 331
Laparoscopic sentinel basin (SB) dissection in EGC is technically feasible and is expected to improve sensitivity versus sentinel node pick-up biopsy. However, the validity of laparoscopic SB dissection should be evaluated in a larger series before being applied clinically.

Selection of Best Candidates for Multiorgan Resection Among Patients With T4 Gastric Carcinoma
Luis F. Oñate-Ocaña, Mauricio Becker, José F. Carrillo, Vincenzo Aiello-Crocifoglio, Dolores Gallardo-Rincón, Rocío Brom-Valladares, Roberto Herrera-Goepfert, Francisco Ochoa-Carrillo, and Arturo Beltrán-Ortega 336
Indications for gastrectomy in T4 gastric carcinoma are controversial. The decision to operate must be balanced between chances for long-Term survival and surviving the operation. This study suggests a profile for the patient with high probability to receive such a benefit.

The Most Appropriate Category of Metastatic Lymph Nodes to Evaluate Overall Survival of Gastric Cancer Following Curative Resection
Jing-Yu Deng, Han Liang, Dan Sun, Hong-Jie Zhan, and Xiao-Na Wang 343

Overexpression of VEGF Is Associated With Positive p53 Immunostaining in Hepatocellular Carcinoma (HCC) and Adverse Outcome of HCC Patients
Po-Lin Tseng, Ming-Hong Tai, Chao-Cheng Huang, Chih-Chi Wang, Jui-Wei Lin, Chao-Hung Hung, Chien-Hung Chen, Jing-Houng Wang, Sheng-Nan Lu, Chuan-Mo Lee, Chi-Sin Changchien, and Tsung-Hui Hu 349
This study provides evidence of a positive association between parameters reflective of angiogenesis, and p53 expression in HCCs. VEGF overexpression exhibited a significant correlation with viremia and survival.

Response to Interferon Therapy Affects Risk Factors for Postoperative Recurrence of Hepatitis C Virus-Related Hepatocellular Carcinoma
Takahiro Uenishi, Shuhei Nishiguchi, Shogo Tanaka, Takatsugu Yamamoto, Shigekazu Takemura, and Shoji Kubo 358
Among virologic or biochemical responders, late recurrence of hepatitis C virus -related hepatocellular carcinoma after resection decreased and no hepatitis-related factors were risk factors for postoperative recurrence. These findings supported the hypothesis that successful interferon therapy could reduce new cancinogenesis of hepatitis C virus related hepatocellular carcinoma after resection.

A Modified Grading System for Post-Hepatectomy Metastatic Liver Cancer Originating From Colorectal Carcinoma
Atsushi Nanashima, Yorihisa Sumida, Takafumi Abo, Syuuichi Tobinaga, Hiroaki Takeshita, Shigekazu Hidaka, Toru Yasutake, Takeshi Nagayasu, Mariko Mine, and Terumitsu Sawai 363
Our modified Grade based on original H-number by Japanese Society for Cancer of the Colon and Rectum and presence of primary lymph node metastasis is the useful predictive grading system of prognosis of MLC patients who had undergone hepatic resection as well as the Clinical Risk Score by Memorial Sloan-Kettering Cancer Center.

Surgical Technique and Systemic Inflammation Influences Long-Term Disease-Free Survival Following Hepatic Resection for Colorectal Metastasis
Dhanwant Gomez, Gareth Morris-Stiff, Judy Wyatt, Giles J. Toogood, J. Peter A. Lodge, and K. Rajendra Prasad 371
Various prognostic factors have been shown to affect outcome following potentially curative resection for colorectal liver metastases. This study analyzed prognostic factors influencing long-term disease-free survival, defined as disease-free 5 years or more following primary liver surgery.

Expression of Mismatch Repair Proteins, hMLH1/hMSH2, in Non-Small Cell Lung Cancer Tissues and Its Clinical Significance
Hidenori Kouso, Ichiro Yoshino, Naoko Miura, Tomoyoshi Takenaka, Taro Ohba, Tomofumi Yohena, Atsushi Osoegawa, Fumihiro Shoji, and Yoshihiko Maehara 377
We investigated the expression of DNA mismatch repair proteins, hMLH1/hMSH2, in non-small cell lung cancer tissues and their clinical significance. The genetic instability is possibly due to the reduced expression of hMLH1 protein, and the expression of hMSH2 protein is increased by smoking stimulation, and it is associated with the repair of gene damage due to smoking-related chemical substances.

A Systematic Review on the Clinical Diagnosis of Gastrointestinal Stromal Tumors
Marco Scarpa, Matteo Bertin, Cesare Ruffolo, Lino Polese, Davide F. D'Amico, and Imerio Angriman 384
The prevalence of symptoms of GIST and the diagnostic yield of clinical procedures for its diagnosis have never been systematized. The meta-analysis of 46 observational studies showed that EUS-FNA provides direct visualization of the neoplasm and adequate samples for molecular diagnosis while EUS, abdominal CT and MRI may be considered valid alternatives when a cytological diagnosis is unnecessary.

How I Do It: A Safe and Fast Technique for Isolated Hepatic Perfusion
R. Verzaro, H. Zeh, and D. Bartlett 393

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Guest Editorial: Cytoreductive Surgery and Heated Intra-Peritoneal Chemotherapy in the Treatment of Peritoneal Carcinomatosis of Colorectal Origin: The Need for Practice Altering Data
Jesus Esquivel, Aviram Nissan, and Alexander Stojadinovic 397

The Impact of Margin Status on Local Recurrence Following Breast Conserving Therapy for Invasive Carcinoma in Manitoba
K. Hardy, K. Fradette, R. Gheorghe, L. Lucman, and S. Latosinsky 399
Margin status was explored as a predictor of local recurrence for Manitoba women with invasive carcinoma undergoing BCT. The evidence does not clearly demonstrate a benefit to wider histologically negative margins.

Timing of Sentinel Lymph Node Biopsy in Patients Receiving Neoadjuvant Chemotherapy for Breast Cancer
Moshe Zvi Papa, Douglas Zippel, Bella Kaufman, Shani Shimon-Paluch, Ady Yosepovich, Bernice Oberman, and Siegal Sadetzki 403
Optimal timing of sentinel lymph node (SLN) biopsy in locally advanced breast cancer receiving neoadjuvant treatment remains unclear. We found that SLN biopsy prior to chemotherapy could give a more accurate evaluation of axillary status, unaffected by any previous therapeutic intervention.

Radiofrequency-Assisted Liver Resection in Cirrhotic Patients With Hepatocellular Carcinoma
Giuseppe Curro, Long Jiao, Claudio Scisca, Umberto Baccarani, Massimo Mucciardi, Nagy Habib, and Giuseppe Navarra 407

Recurrence in Patients Following Curative Resection of Early Gastric Carcinoma
Benyan Wu, Daohong Wu, Mengwei Wang, and Gangshi Wang 411
Postoperative recurrence of early gastric cancer was analyzed, with special respect to the risk factor(s) for tumor recurrence and recurrence patterns. Patients, especially those who were elderly, had lymphatic and submucosal involvement, and had a positive family history of cancer, tended to have a greater risk of recurrence.

High Grade Osteosarcoma of the Extremities With Lung Metastases at Presentation: Treatment With Neoadjuvant Chemotherapy and Simultaneous Resection of Primary and Metastatic Lesions
Gaetano Bacci, Michele Rocca, Mariacristina Salone, Alba Balladelli, Stefano Ferrari, Emanuela Palmerini, Cristiana Forni, and Antonio Briccoli 415
Patients with synchronous lung metastases of high grade osteosarcoma of the extremities have a dismal prognosis compared to patients with nonmetastatic disease. However, survival is not uniform ranging between 60 at 5-year for patients with complete response to 0 for patients who never enter remission.

Oncological and Functional Results of Cryosurgical Therapy of Enchondromas and Chondrosarcomas Grade 1
I.C.M. Van Der Geest, M.H. De Valk, J.W.J. De Rooy, M. Pruszczynski, R.P.H. Veth, and H.W.B. Schreuder 421
The cryosurgical therapy of aggressive enchondromas and chondrosarcomas grade 1 shows excellent oncological results with a very low recurrence rate and good functional outcome.

An Examination of the Efficacy of the 8 cm Maximal Tumor Diameter Cutoff for the Subdivision of AJCC Stage II Osteosarcoma Patients
Min Suk Kim, Soo-Yong Lee, Wan Hyeong Cho, Won Seok Song, Jae-Soo Koh, Jun Ah Lee, Ji Young Yoo, Duk Seop Shin, and Dae-Geun Jeon 427
We retrospectively reviewed 347 patients with stage II osteosarcoma. ROC curve analysis was done to determine the best cut-off of maximal tumor diameter. An 8 cm maximal tumor diameter cutoff is useful for subdividing AJCC stage II osteosarcoma patients in terms of predicting of a subsequent metastatic event.

Hepatic Epithelioid Hemangioendothelioma: Long-Term Results of Surgical Management
Liviu Mosoia, Jean-Yves Mabrut, Mustapha Adham, Olivier Boillot, Christian Ducerf, Christian Partensky, and Jacques Baulieux 432
Hepatic epithelioid hemangioendothelioma is a rare vascular neoplasm of the liver, and surgical treatment (liver resection or transplantation) should be the first therapeutic option. Long-term results achieved in our study support that liver resection should be tailored to the intrahepatic disease extent

Preoperative Assessment of Hilar Cholangiocarcinoma by Dual-Modality PET/CT
Jun Li, Hilmar Kuehl, Florian Grabellus, Stephan P. Müller, Sonia Radunz, Gerald Antoch, Silvio Nadalin, Christoph E. Broelsch, Guido Gerken, Andreas Paul, and Gernot M. Kaiser 438
PET/CT was found to have a high specificity in detection of lymph node and distant metastasis but still has a limited value in correct judgement of surgical resectability for hilar cholangiocarcinoma.

Tumor Spectrum of Adult Intussusception
Jy-Ming Chiang and Yann-Sheng Lin 444
Tumor spectrum and incidence of malignances differ between adult small and large bowel intussusception. This finding can help surgeons optimize surgical treatment for intussusception.

High Expression of Human Nonmetastatic Clone 23 Type 1 in Cancer of Uterine Cervix and its Association With Poor Cell Differentiation and Worse Overall Survival
Chien-Gang Hsu, Long-Yau Lin, Jiunn-Liang Ko, Shun-Fa Yang, Han Chang, Ching-Yi Lin, Hsiu-Ting Tsai, Shiuan-Chih Chen, Shu-Chen Chen, and Po-Hui Wang 448
Positive nm23-H1 expression is associated with deep stromal invasion, large diameter tumor and poor cell differentiation of cancer of uterine cervix. Its high expression can predict worse overall survival in cervical cancer patients

Inverse Relationship Between the Length of the *EGFR* CA Repeat Polymorphism in Lung Carcinoma and Protein Expression of EGFR in the Carcinoma
Masaya Suzuki, Shinji Kageyama, Kazuya Shinmura, Koji Okudela, Tomoyasu Bunai, Kiyoko Nagura, Hisaki Igarashi, Shinichiro Kiyose, Hiroki Mori, Hong Tao, Masanori Goto, Kazuya Takamochi, Takahiro Mochizuki, Kazuya Suzuki, Riuko Ohashi, Hiroshi Ogawa, Takeshi Yamada, Hiroshi Niwa, Toshihiro Tsuneyoshi, and Haruhiko Sugimura 457
There is a CA dinucleotide repeat polymorphism in the first intron of the epidermal growth factor receptor (EGFR) gene. In this paper we report finding an inverse relationship between the CA repeat length in lung carcinoma and the level of EGFR protein expression in the carcinoma.

Methylation-Related Silencing of p14ARF Gene Correlates With Telomerase Activity and mRNA Expression of Human Telomerase Reverse Transcriptase in Hepatocellular Carcinoma
Changsong Zhang, Xianling Guo, Li Zhang, Zhenghua Lu, Nannan Ma, Yue Cheng, Feng Shen, Baihe Zhang, Mengchao Wu, and Lixin Wei 462
Hypermethylation-related p14ARF inactivation correlated inversely with hTERT expression and telomerase activity. And telomerase activity is association with inactivation of the p14

How I Do It: Lymphatic Fistulae After Neck Dissection: The Fibrin Sealant Treatment
Michael Vaiman and Efraim Eviatar 469
Investigating possibility of treatment of lymphatic fistulae after neck dissection with the fibrin sealant, it was found that the treatment resulted in immediate stop of a leak and complete healing of the fistulae. Fibrin sealant application might be an effective and time-saving treatment of lymphatic fistulae after neck dissection

How I Do It: Circumferential Cutaneous Traction for Exposure of the Layers of the Abdominal Wall
Paul H. Sugarbaker 472

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M. Mahir Ozmen, Fusun Ozmen, and Bariş Zulfikaroglu 476

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Guest Editorial: Breast Cancer: From Radical to Minimal Surgery
Laurie Kirstein and Bimal C. Ghosh 483

Gallbladder Cancer (GBC): 10-Year Experience at Memorial Sloan-Kettering Cancer Centre (MSKCC)
A. Duffy, M. Capanu, G.K. Abou-Alfa, D. Huitzil, W. Jarnagin, Y. Fong, M. D'Angelica, R.P. Dematteo, L.H. Blumgart, and E.M. O'Reilly 485
This paper documents a decade of experience with Gallbladder Cancer at a large institution, with the chief aim of exploring the role of adjuvant therapy

CT, MRI and Ultrasound Scanning Rates: Evaluation of Cancer Diagnosis, Staging and Surveillance in Ontario
Natalie Coburn, Raymond Przybysz, Lisa Barbera, David Hodgson, Sharon Sharir, Andreas Laupacis, and Calvin Law 490
This study examines the rate of CT, MRI and ultrasound scanning of patients with the most common cancers in Ontario. The rate of scanning appears to be reasonable, given guidelines for cancer staging and surveillance. However, there is significant regional variation, and perhaps overutilization of some imaging

Modified Radical Lymphadenectomy Without Splenectomy in Patients With Proximal Gastric Cancer: Comparison With Standard D2 Lymphadenectomy for Distal Gastric Cancer
Oh Cheong, Byung Sik Kim, Jeong Hwan Yook, Sung Tae Oh, Young Kyu Park, and Seong Yeop Ryu 500
Modified lymph node dissection without splenectomy for proximal gastric cancer had similar long-term outcomes as standard D2 lymphadenectomy for distal gastric cancer. Multivariate analysis showed that operation type was neither an independent risk factor for recurrence nor a prognostic factor for long-term survival.

Treatment and Prognosis of Hepatocellular Carcinoma: A Population Based Study in France
Frédéric Borie, Anne-Marie Bouvier, Astrid Herrero, Jean Faivre, Guy Launoy, Patricia Delafosse, Michel Velten, Antoine Buemi, Jun Peng, Pascale Grosclaude, and Brigitte Trétarre 505

Stepwise Examination for Differential Diagnosis of Primary Lung Cancer and Breast Cancer Relapse Presenting as a Solitary Pulmonary Nodule in Patients After Mastectomy
Toshiki Okasaka, Noriyasu Usami, Tetsuya Mitsudomi, Yasushi Yatabe, Keitaro Matsuo, and Kohei Yokoi 510
Differential diagnosis between primary lung and metastatic breast cancer is crucial for the treatment of solitary pulmonary nodules in breast cancer patients having undergone mastectomy. Here, we assessed the clinical feasibility of our stepwise approach to definitive diagnosis of these solitary pulmonary nodules.

Laparoscopy-Assisted Distal Gastrectomy With D2 lymphadenectomy for T2b Advanced Gastric Cancers: Three Years' Experience
Hoon Hur, Hae Myung Jeon, and Wook Kim 515
The early results of current study suggest that LADG for AGC is technically safe and oncologically feasible. LADG should be considered as a curative treatment for AGC not exposed to serosa

Gastric Cancer Histology: Clinicopathologic Characteristics and Prognostic Value
Joong-Min Park, You-Jin Jang, Jong-Han Kim, Sung-Soo Park, Seong-Heum Park, Seung-Joo Kim, Young-Jae Mok, and Chong-Suk Kim 520
Signet ring cell carcinoma and mucinous adenocarcinoma have been classified as histologically undifferentiated types of gastric adenocarcinoma. However, their prognoses are illdefined and variable as they depend upon disease stage and the histologic classification methods used.

Radio Guided Occult Lesion Localization (ROLL) for Non-Palpable Invasive Breast Cancer
S. Van Esser, M. Hobbelink, I.M.C. Van Der Ploeg, W.P.TH.M. Mali, P.J. Van Diest, I.H.M. Borel Rinkes, and R. Van Hillegersberg 526

A Third Evaluation of Tertiary Cytoreduction
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Relationship Between Pattern of Tumor Enhancement and Clinicopathologic Characteristics in Intrahepatic Cholangiocarcinoma
Dr. Atsushi Nanashima, Yorihisa Sumida, Takafumi Abo, Masayuki Oikawa, Goshi Murakami, Hiroaki Takeshita, Hidetoshi Fukuoka, Shigekazu Hidaka, Takeshi Nagayasu, Ichiro Sakamoto, and Terumitsu Sawai 535
Early enhancement in the arterial phase on computed tomography was associated with the presence of chronic viral hepatitis, welldifferentiated adenocarcinoma, fewer tumors, early stage of ICC, and better survival after hepatectomy. Early enhancement in the arterial phase might be a useful indicator of lower malignant potential and better survival in ICC patients

Preoperative C-Reactive Protein as a Prognostic and Therapeutic Marker for Colorectal Cancer
Yuhki Koike, Chikao Miki, Yoshinaga Okugawa, Takeshi Yokoe, Yuji Toiyama, Koji Tanaka, Yasuhiro Inoue, and Masato Kusunoki 540

Elevated Levels of Circulating Endothelial Progenitor Cells in Head and Neck Cancer Patients
Markus Brunner, Dietmar Thurnher, Gregor Heiduschka, Matthaeus Ch Grasl, Christine Brostjan, and Boban M. Erovic 545
In a prospective trial we investigated the presence of circulating mature endothelial cells and endothelial progenitor cells in the blood of 22 patients with head and neck squamous cell cancer before and after therapy and in 18 healthy controls using flowcytometry. The number of progenitor cells was significantly elevated in cancer patients compared to healthy controls. However, before and after therapy we could neither find a significant difference between the mature and the progenitor cell group nor a correlation with tumor size and response to radiotherapy.

Prognostic Relevance of Androgen Receptor Detection in Operable Breast Cancer
Håvard Søiland, Hartwig Kørner, Ivar Skaland, Emiel A.M. Janssen, Einar Gudlaugsson, Jan Erik Varhaug, Jan P.A. Baak, and Jon Arne Søreide 551
In this paper, we address various androgen receptor(AR) determination methods, evaluate cut-of levels for AR positivity, and associations to other prognostic factors in patients with operable breast cancer. In particular, we address the possible role of AR as an independent prognostic factor in subgroups regarded at higher risk for relapse.

Clinical Significance of Low Expression of *Prostasin* mRNA in Human Gastric Cancer
Katsuya Sakashita, Koshi Mimori, Fumiaki Tanaka, Kouichirou Tahara, Hiroshi Inoue, Tetsuji Sawada, Masaichi Ohira, Kosei Hirakawa, and Masaki Mori 559
Prostasin mRNA expression was down-regulated in gastric cancer, possibly due to epigenetic mechanisms associated with DNA methylation, and absent expression contributed to shorter survival. Loss of Prostasin mRNA expression may be a novel biomarker predicting biological aggressiveness for gastric cancer patients

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